
Enhanced Serial Data Interface (LD 48)

The Enhanced Serial Data Interface card provides the LAPB protocol used for communication between the SL-1 CPU and an external Value Added Server such as the Meridian Mail MP. The Command and Status Link (CSL) and ISDN Application Protocol use Enhanced Serial Data Interface (ESDI) cards.

The ESDI and related application protocols are maintained by the Link Diagnostic program (LD 48). The following messages indicate status and error conditions of the CSL software and/or the ESDI card.

With X11 Release 19 or later, and package 243 equipped, a new expanded format is used to give system message information. When applicable, both display formats are shown.

ESDA messages

ESDA0001 n t x Link n is out-of-service, where t is the system time when it occurs and x is the cause as follows:

Unformatted: ESDA001 n t x

Formatted: ESDA001 dd/mm/yy 00009 MSG OPRDAT: n x

Where:

n = CSL number

t = system time (only appears when unformatted)

x =

1 = HDLC retransmission error threshold reached

2 = HDLC CRC error threshold reached

3 = HDLC overflow error threshold reached

4 = HDLC abort error threshold reached

5 = HDLC detect protocol error I

6 = HDLC hardware failure

7 = HDLC detected link 3 failure, or far-end disconnect

8 = HDLC was restarted by ESDI firmware externally

9 = Layer 7 not responding to polling message. The polling timer has timed out.

ESDA0002 n t Link (n) link layer is connected at system time (t). With X11 Release 19 or later, and package 243 equipped, a new expanded format is displayed. Both display formats are shown here.

Unformatted: ESDA002 n t

Formatted: ESDA002 dd/mm/yy 00009 MSG OPRDAT: n

Where: n = CSL number and t = system time (only appears when unformatted)